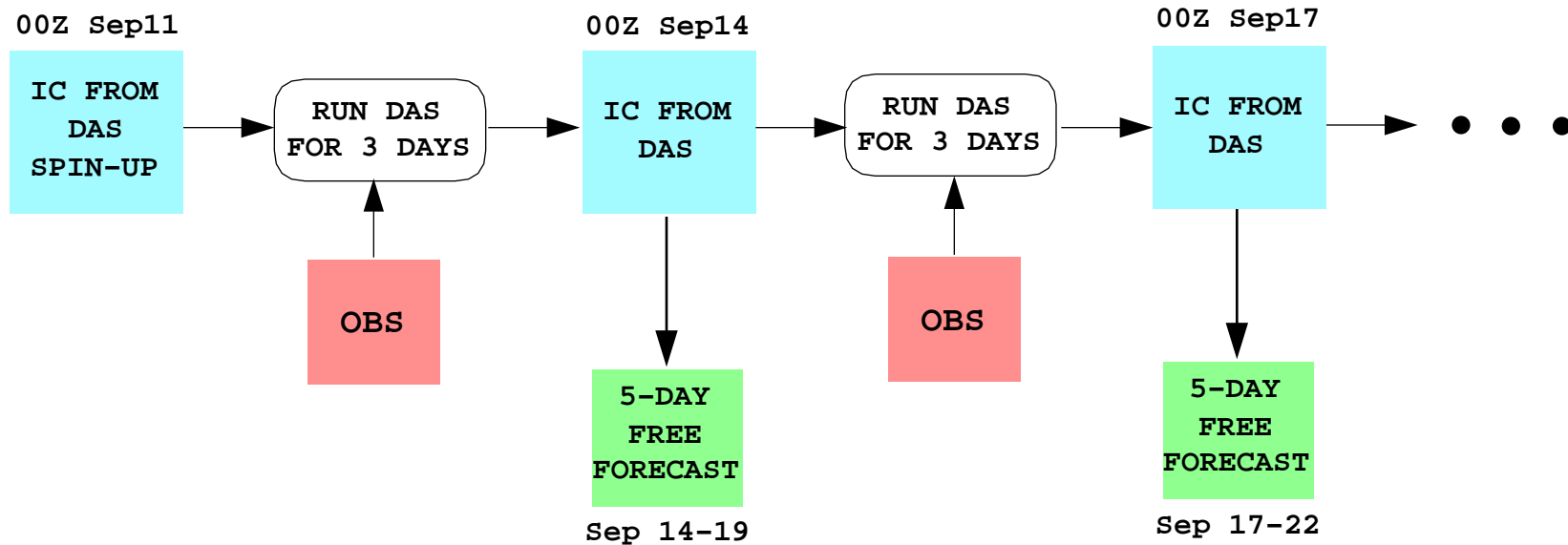


DAS and Forecast Model Execution



1. The DAS obtains initial conditions (IC) from the real data spin-up, in this case on 11 Sep 00Z.
2. The DAS is cycled for 3 days. The observations appropriate to the given experiment are introduced in each DAS cycle.
3. After 3 days, the resulting IC are used to execute a 5-day free forecast.
4. Process repeats until the end of the OSSE period as prescribed by the length of the nature run.

Note:

This shows the components of a single experiment within a standard OSSE. The only component that changes from one experiment to the other is the observations. Observations may be real or synthetic and from existing or future observing systems.

Special Requirements:

Depending on the availability of resources, the process may require a manual restart at almost any point. Therefore monitoring of the process is necessary.